

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120619AL\
 Data File : FC044840.D
 Signal(s) : FID1A.CH
 Acq On : 07 Dec 2019 1:35
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 07 04:08:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112219.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 23 03:00:37 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.758	2204174	19.343 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
12) S 1-chlorooctadecane (S...	13.182	1701136	19.210 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
Target Compounds			
1) T n-Nonane (C9)	3.503	2052610	20.190 ug/ml
2) T n-Decane (C10)	4.578	2062066	20.305 ug/ml
3) T A~Naphthalene (C11.7)	6.179	2319985	20.306 ug/ml
4) T n-Dodecane (C12)	6.598	2081969	20.464 ug/ml
5) T A~2-methylnaphthalene...	7.234	2328483	20.306 ug/ml
6) T n-Tetradecane (C14)	8.390	2086877	20.474 ug/ml
7) T n-Hexadecane (C16)	9.988	2087985	20.349 ug/ml
8) T n-Octadecane (C18)	11.428	2072659	20.018 ug/ml
10) T n-Eicosane (C20)	12.736	2040031	19.556 ug/ml
11) T n-Heneicosane (C21)	13.348	2027788	19.224 ug/ml
13) T n-Docosane (C22)	13.933	2001896	18.977 ug/ml
14) T n-Tetracosane (C24)	15.035	1957413	18.284 ug/ml
15) T n-Hexacosane (C26)	16.054	1918097	18.023 ug/ml
16) T n-Octacosane (C28)	17.002	1854339	17.667 ug/ml
17) T n-Tricontane (C30)	17.889	1742869	17.407 ug/ml
18) T n-Dotriacontane (C32)	18.723	1478277	17.755 ug/ml
19) T n-Tetratriacontane (C34)	19.502	1249284	18.209 ug/mlm
20) T n-Hexatriacontane (C36)	20.241	1136112	19.034 ug/mlm
21) T n-Octatriacontane (C38)	21.012	1048450	19.503 ug/mlm
22) T n-Tetracontane (C40)	21.985	1070332	19.977 ug/ml

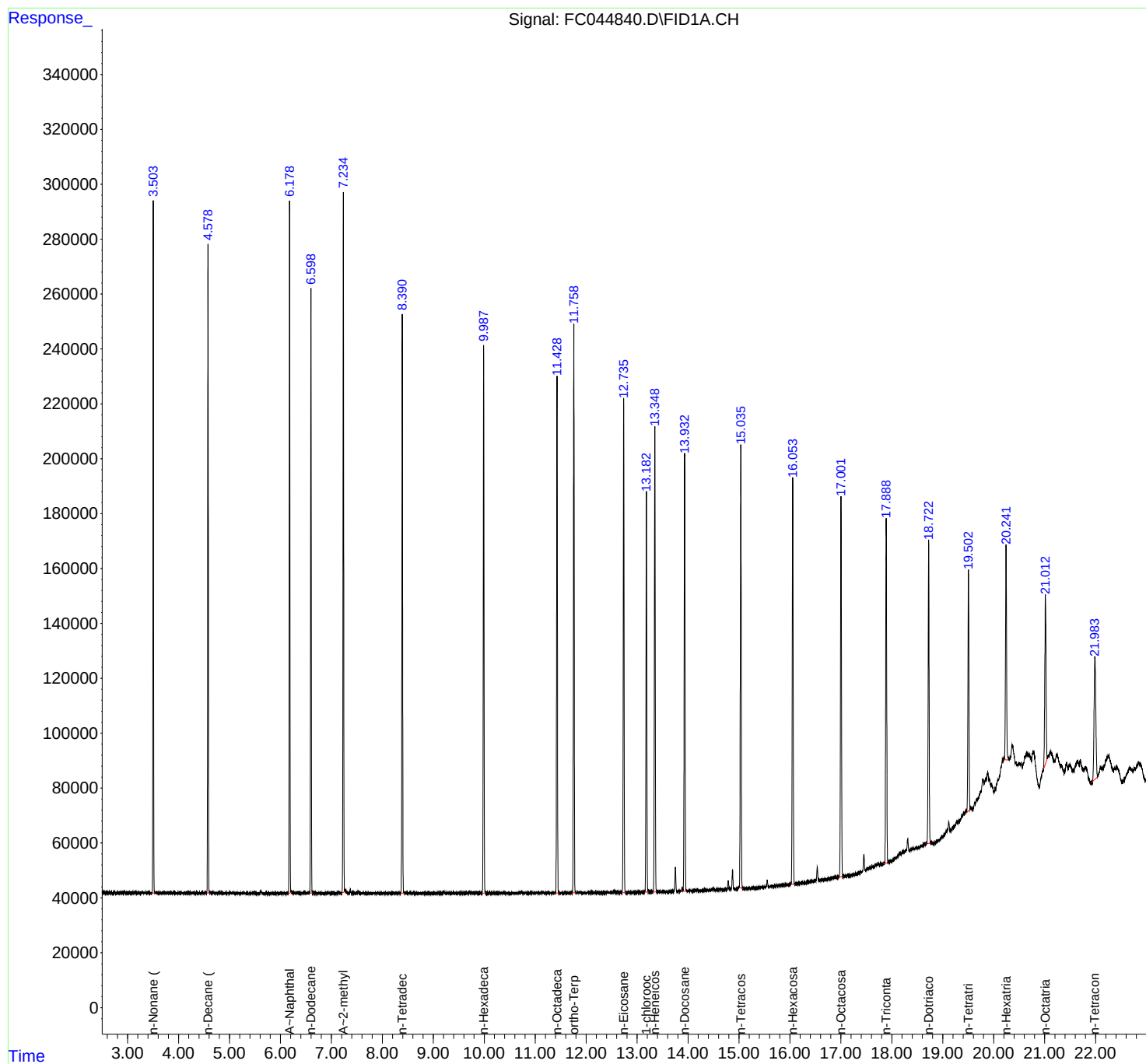
(f)=RT Delta > 1/2 Window

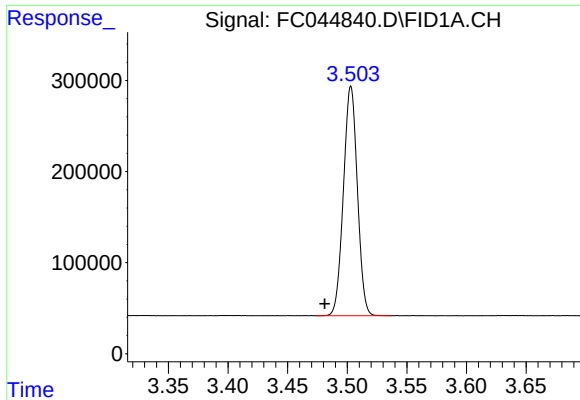
(m)=manual int.

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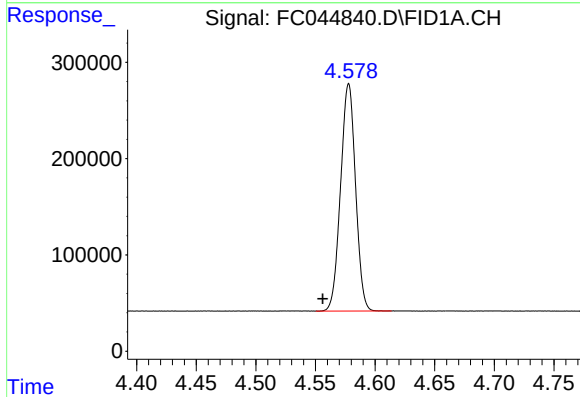
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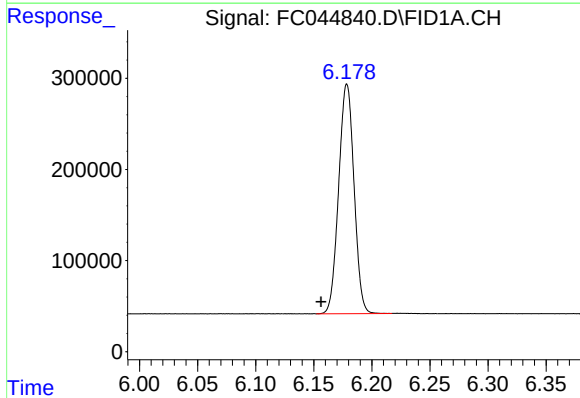
#1 n-Nonane (C9)

R.T.: 3.503 min
Delta R.T.: 0.022 min
Response: 2052610
Conc: 20.19 ug/ml



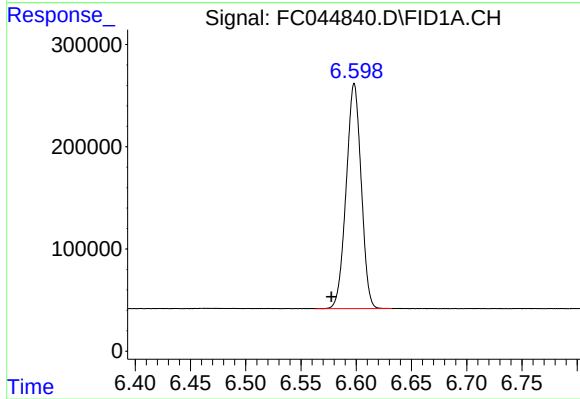
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: 0.022 min
Response: 2062066
Conc: 20.31 ug/ml



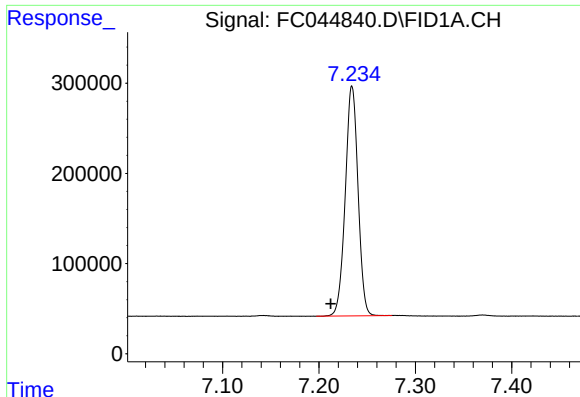
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: 0.022 min
Response: 2319985
Conc: 20.31 ug/ml



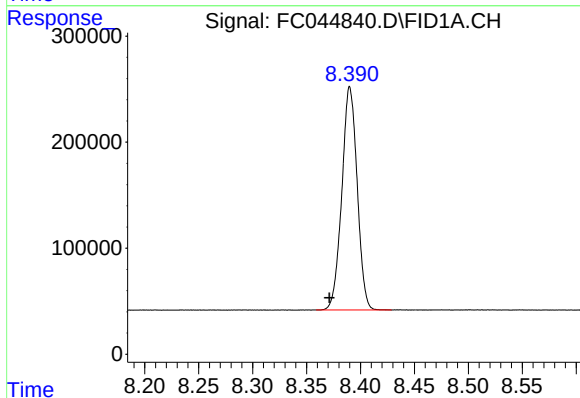
#4 n-Dodecane (C12)

R.T.: 6.598 min
Delta R.T.: 0.021 min
Response: 2081969
Conc: 20.46 ug/ml



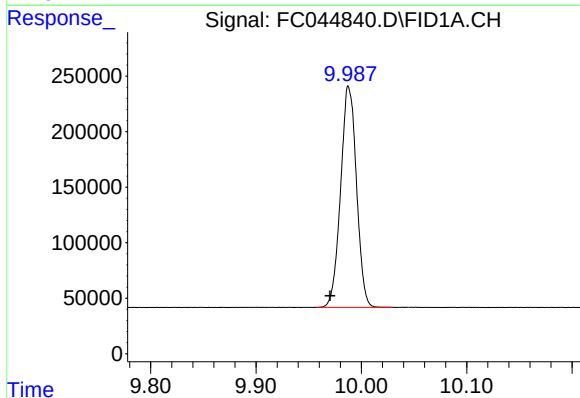
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.234 min
Delta R.T.: 0.022 min
Response: 2328483
Conc: 20.31 ug/ml



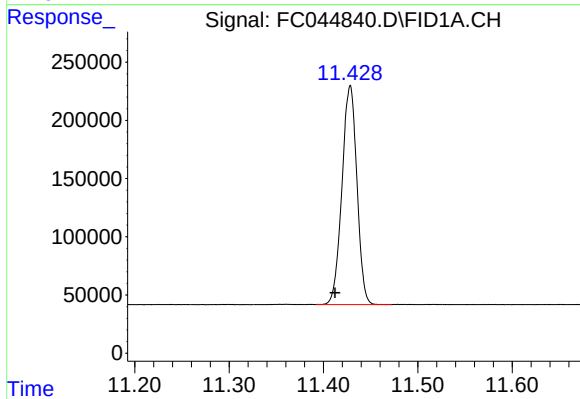
#6 n-Tetradecane (C14)

R.T.: 8.390 min
Delta R.T.: 0.019 min
Response: 2086877
Conc: 20.47 ug/ml



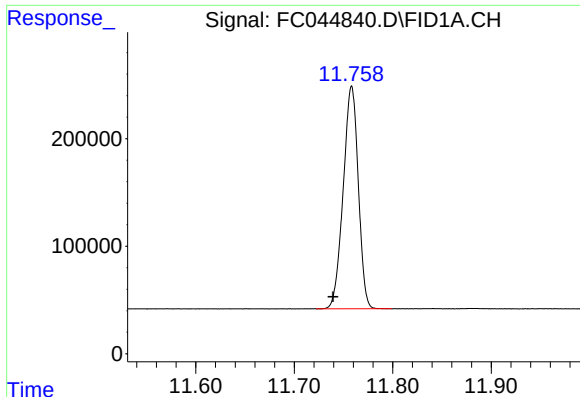
#7 n-Hexadecane (C16)

R.T.: 9.988 min
Delta R.T.: 0.018 min
Response: 2087985
Conc: 20.35 ug/ml



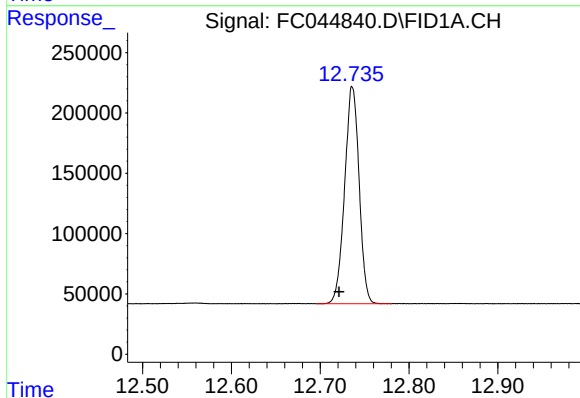
#8 n-Octadecane (C18)

R.T.: 11.428 min
Delta R.T.: 0.016 min
Response: 2072659
Conc: 20.02 ug/ml



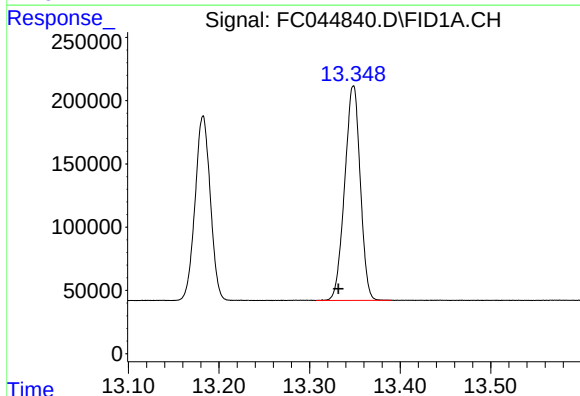
#9 ortho-Terphenyl (SURR)

R.T.: 11.758 min
Delta R.T.: 0.019 min
Response: 2204174
Conc: 19.34 ug/ml



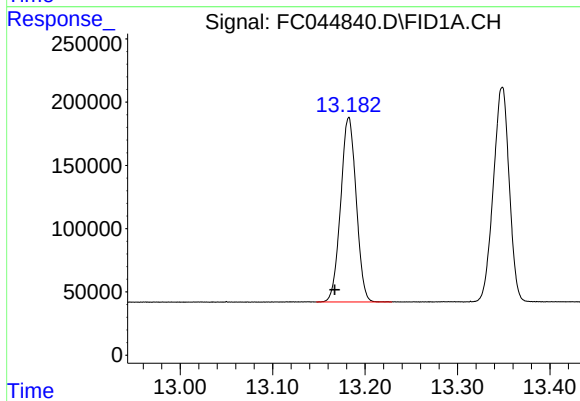
#10 n-Eicosane (C20)

R.T.: 12.736 min
Delta R.T.: 0.015 min
Response: 2040031
Conc: 19.56 ug/ml



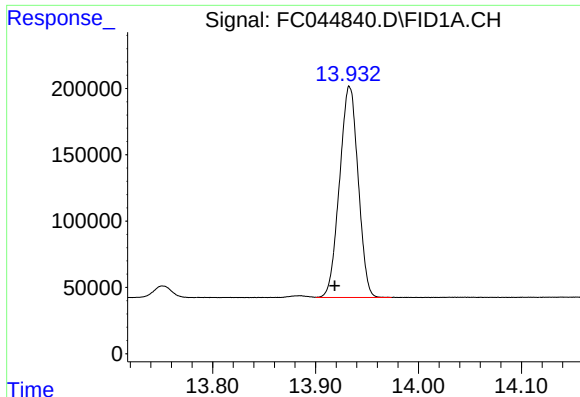
#11 n-Heneicosane (C21)

R.T.: 13.348 min
Delta R.T.: 0.016 min
Response: 2027788
Conc: 19.22 ug/ml



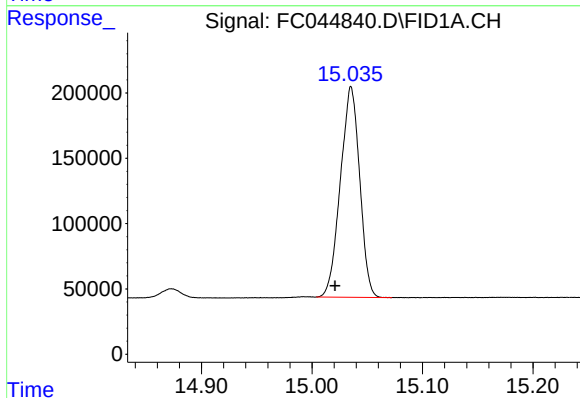
#12 1-chlorooctadecane (SURR)

R.T.: 13.182 min
Delta R.T.: 0.015 min
Response: 1701136
Conc: 19.21 ug/ml



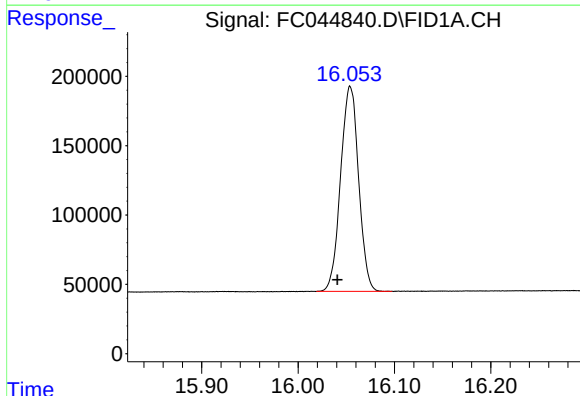
#13 n-Docosane (C22)

R.T.: 13.933 min
Delta R.T.: 0.014 min
Response: 2001896
Conc: 18.98 ug/ml



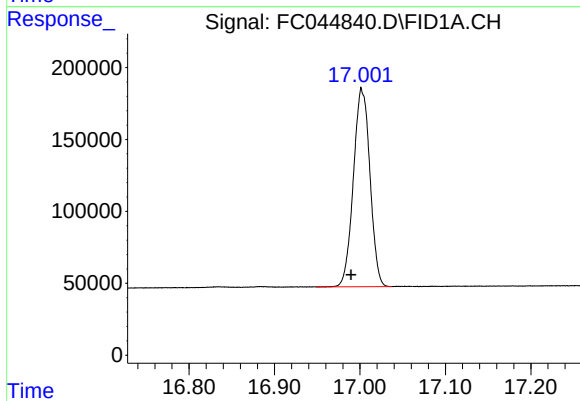
#14 n-Tetracosane (C24)

R.T.: 15.035 min
Delta R.T.: 0.015 min
Response: 1957413
Conc: 18.28 ug/ml



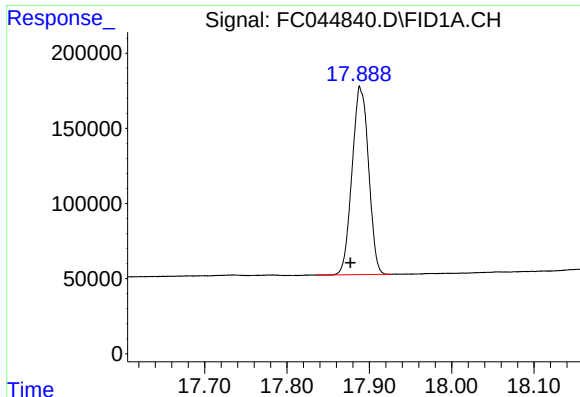
#15 n-Hexacosane (C26)

R.T.: 16.054 min
Delta R.T.: 0.013 min
Response: 1918097
Conc: 18.02 ug/ml



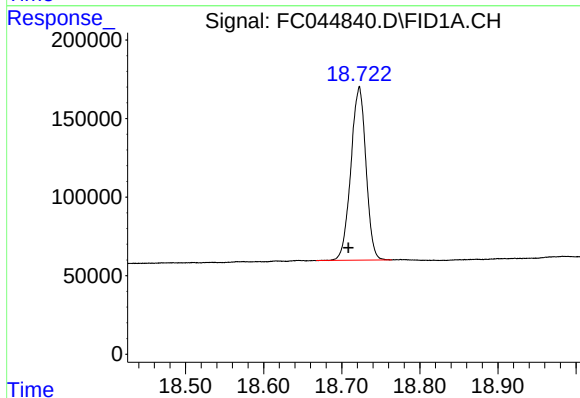
#16 n-Octacosane (C28)

R.T.: 17.002 min
Delta R.T.: 0.012 min
Response: 1854339
Conc: 17.67 ug/ml



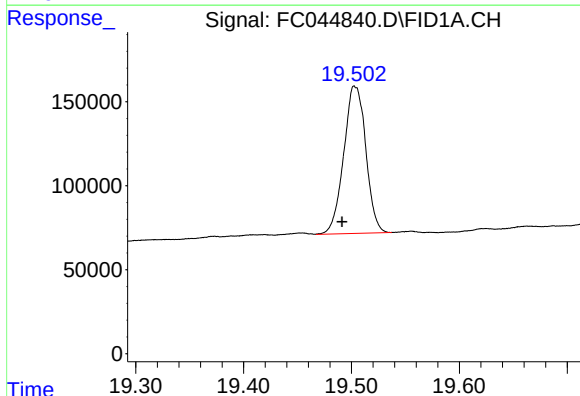
#17 n-Tricontane (C30)

R.T.: 17.889 min
Delta R.T.: 0.012 min
Response: 1742869
Conc: 17.41 ug/ml



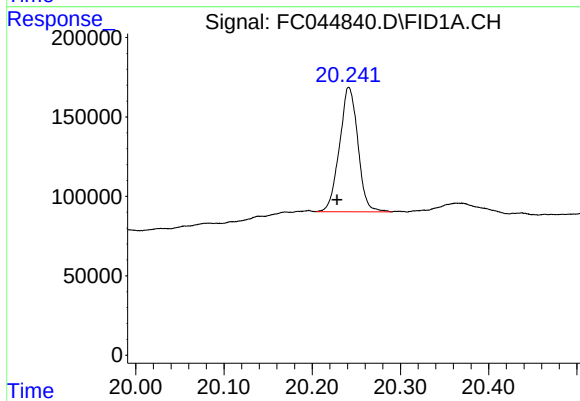
#18 n-Dotriacontane (C32)

R.T.: 18.723 min
Delta R.T.: 0.014 min
Response: 1478277
Conc: 17.75 ug/ml



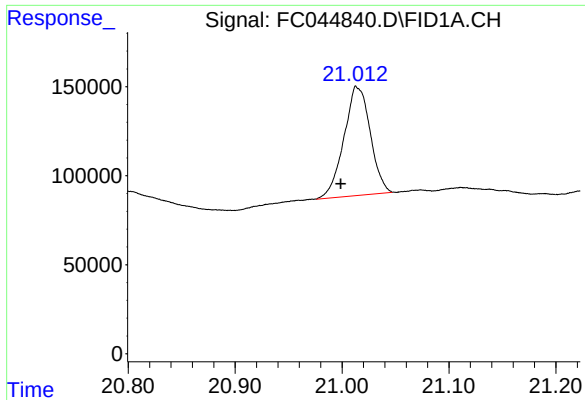
#19 n-Tetratriacontane (C34)

R.T.: 19.502 min
Delta R.T.: 0.011 min
Response: 1249284
Conc: 18.21 ug/ml m



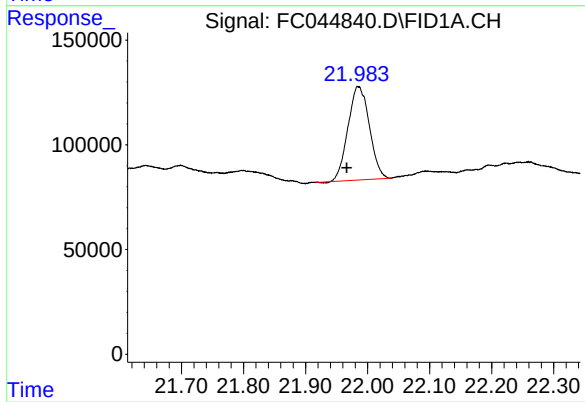
#20 n-Hexatriacontane (C36)

R.T.: 20.241 min
Delta R.T.: 0.013 min
Response: 1136112
Conc: 19.03 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.012 min
Delta R.T.: 0.014 min
Response: 1048450
Conc: 19.50 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: 0.018 min
Response: 1070332
Conc: 19.98 ug/ml